Department of Veterans Affairs
Denver Distribution Center

REMOTE ORDER/ENTRY SYSTEM

Technical Manual

Version 2.0 **July 1995**

Department of Veterans Affairs

Decentralized Hospital Computer Program

REMOTE ORDER/ENTRY SYSTEM TECHNICAL MANUAL

Version 2.0

July 1995

Denver Distribution Center

Denver, Colorado

Preface

This Technical Manual has been developed to assist the Information Resources Management Service (IRMS) staff at local VA Medical Centers with the operation and maintenance of the Remote Order/Entry System (**ROES**). The manual is intended for technical ADP personnel who have a background in the Decentralized Hospital Computer Program (DHCP), VA FileMan and the M programming language.

This manual addresses issues pertaining to system management, with a focus on IRMS, ADPAC and User Service responsibilities.

Table of Contents

PREFACE ..... **i**

TABLE OF CONTENTS ..... **iii**

INTRODUCTION **1**

PURPOSE AND CONVENTIONS 1
PATIENT ORDERS 2
STATION ORDERS 3

ORIENTATION **4**

FUNCTIONAL DESCRIPTION **5**

IMPLEMENTATION AND MAINTENANCE **11**

IMPLEMENTATION PROCEDURE 11
SITE-SPECIFIC DATA ENTRY 11
*** IRM SERVICE RESPONSIBILITIES *** 12
*** USING SERVICE RESPONSIBILITIES *** 14
PARAMETERS 15
Remote Order/Entry Parameters for ASPS *15*
Remote Order/Entry Parameters for PSAS *24*
INSTALLATION CHECKLIST 31

ROUTINES **32**

DESCRIPTIONS 32
CALLABLE ROUTINES 38
MAPPED ROUTINES 39

FILES **40**

FILE DESCRIPTIONS AND CROSS-REFERENCES 40
1. 791810 - Station Order File *42*
Cross-references: 42
2. 791810.1 - Order Type File *44*
Cross-references: 44
3. 791810.2 - Order Status File *45*
Cross-references: 45
4. 791810.3 - Disability *46*

Cross-references: 46
5. 791810.4 - ROES Eligibility File 47
Cross-references: 47
6. 791810.5 - ROES Menus 48
Cross-references: 48
7. 791810.6 - Order Delay Reasons File 49
Cross-references: 49
8. 791811 - Remote Inventory Product File 50
Cross-references: 50
9. 791811.1 - Remote Product Group File 51
Cross-references: 51
10. 791811.2 - Hearing Aid Components File 52
Cross-references: 52
11. 791811.3 - Battery File 53
Cross-references: 53
12. 791811.4 - Remote Prosthetic Item Brands 54
Cross-references: 54
13. 791812 - Transmission Batch File 55
Cross-references: 55
14. 791813 - Remote Order/Entry Parameter File 56
Cross-references: 56
RECOMMENDED FILE PROTECTION 57

EXPORTED OPTIONS 58

MENU DESCRIPTIONS 58
MENU DIAGRAMS 59
ASPS Remote Order/Entry System Menu Diagram 59
PSAS Remote Order/Entry System Menu Diagram 61
OPTIONS 63

EXTERNAL RELATIONS 67

SOFTWARE REQUIREMENTS 67
ADDITIONS TO DHCP FILES 68
DHCP FILES REFERENCED 70

INTERNAL RELATIONS 72

PACKAGE VARIABLES 73

ARCHIVING AND PURGING 80

RESOURCE REQUIREMENTS 81

ON-LINE DOCUMENTATION 82

GLOSSARY 83

Introduction

Purpose and Conventions

The Remote Order/Entry System (**ROES**) has been developed by the Information Resources Management Division (IRMD) of the Denver Distribution Center (DDC). The automated procedures provided by the software are used for ordering commodities handled by the DDC (Hearing aids, prosthetic socks, batteries, etc). The system replaces paper-intensive manual procedures with an electronic data interchange system.

ROES will allow authorized medical facility users to enter a minimal amount of specific information about multiple order types used in making requests from the DDC. Most patient-specific demographic and eligibility information will be extracted from the patient database on the local facility's computer. No changes are made to the patient information in the local DHCP files.

Patient data and order information entered by the user will be transmitted electronically over the IDCU network to the DDC. The order information received by the DDC will be processed daily by the DDC staff. Updates to the status of the order will be transmitted electronically to the initiating facility within 48 hours of receipt.

Version 2.0 of **ROES** provides electronic ordering capabilities for both Audiology and Speech Pathology Service (ASPS) and for Prosthetic and Sensory Aids Service (PSAS). All commodities that can be ordered from the DDC will be available for selection through **ROES**. As new products become available, facility files will be automatically updated from the DDC through the RMPF-FILE-UPDATE server option and bulletin. Note that entries in files 791810.4, 791811, 791811.1, 791811.2, and 791811.3 may be modified through the server option, but the file structures and other local files will not be changed.

ROES Version 2.0 has separate menus for ASPS and PSAS users. The two menus contain options and order types that are specific to each Service. One Service will not be able to view orders placed by the other Service.

There are two basic types of orders that may be generated by **ROES** software options. They are **Patient Orders**, which are orders that are specific to an individual patient and will be recorded as part of the patient's history in the DDC database, and **Station Orders**, which allow a facility to order to adjust the station's stock.

Patient Orders

Menus for ASPS and PSAS allow users to choose from the following order types that are specific to the needs of their service. Each of these orders will be recorded on the record of an individual patient.

ASPS Orders	**PSAS Orders**
Assistive Device Order	Assistive Device Registration
Assistive Device Registration	Battery Order
Battery Order	Demographic/Eligibility Update
Cancel CHA Order	Prosthetic Item Order
Custom Hearing Aid Order	
Demographic Eligibility Update	
Extra Components Order	
Hearing Aid Accessories Order	
Hearing Aid Registration	
Loaner Issue	
Missing Hearing Aid Report	
Remove Authorized Aids	
Request Authorized Aids	
Stock Hearing Aid Order	

Station Orders

Menus for ASPS and PSAS allow users to choose from the following order types which allow them to order commodities to stock at their station. The order types are specific to each service.

ASPS Orders

Assistive Device Stock Order

Battery Stock Order

Hearing Aid Accessory Stock Order

Loaner Recovery

Lost Hearing Aid Report

Stock Level Change

PSAS Orders

Battery Stock Order

Prosthetic Item Stock Order

Orientation

1. Users should read the section of this manual titled **Introduction** to acquire a basic understanding of the **ROES** system.

2. If a user is unfamiliar with DHCP software conventions, the manual titled **User's Guide to Computing** is available either from the local IRM Service or from the Regional Information Systems Center (ISC).

3. The **Glossary** at the end of this manual provides a quick reference for terms and subjects.

4. An up-arrow ("^") entered at a prompt within an option will allow a user to exit to the last logical prompt. In most cases this will cause a user to exit the option entirely.

5. A question mark ("**?**") entered at a prompt within an option will give a user additional information about answering the prompt.

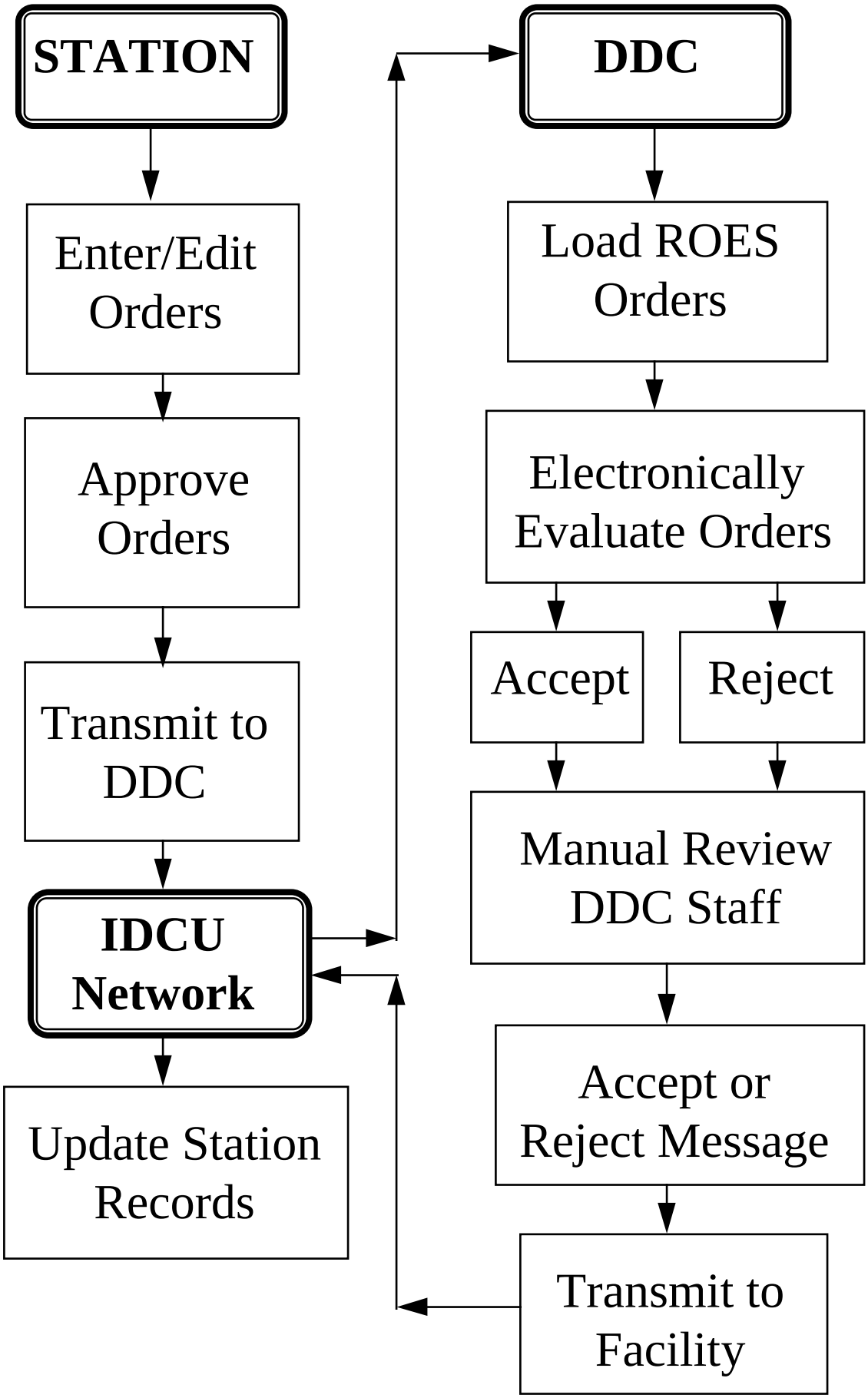
6. The term **<RETURN>** indicates that a user should press the return or enter key.

7. The names of software packages, manuals, sections of this manual, menus, options and suggested input are shown in bold type.

Functional Description

The **Remote Order/Entry System** allows a VA medical facility to enter orders and requests at the station level, transmit their orders to the DDC and receive notification locally of actions taken by the DDC on their requests.

The diagram on the next page shows the basic functional flow of **ROES**. A brief explanation of each step is given on the following pages.


STATION
DDC
Enter/Edit Orders
Load ROES Orders
Approve Orders
Electronically Evaluate Orders
Accept
Reject
Transmit to DDC
Manual Review DDC Staff
IDCU Network
Accept or Reject Message
Update Station Records
Transmit to Facility

Enter/Edit Orders

ROES orders will be entered through software that has been installed on the DHCP computer system at a local VA facility.

There are two basic types of orders, Patient Orders which are orders for products or services for a specific patient and Station Orders which are orders affecting line items stocked by a remote facility.

Patient Orders may only be entered for patients who are eligible for the specific order type chosen. The eligibility of the veteran is determined from information that has been entered into the local DHCP patient database. Certain types of eligibility cannot be determined electronically. PSAS may enter an eligibility for these patients. Orders may be placed only for patients who are eligible for the commodities or services being ordered.

In the case of a veteran with multiple eligibilities, **ROES** electronically selects the criteria with the highest priority based on M-1, Part 1, Chapter 17, Change 8, 1-20-88. The following eligibility determinations (listed in priority order as determined above) can be made through **ROES**.

Service Connected for Condition (0% - 100%)

Service Connected 50 - 100%

Prisoner of War

Mexican Border War Veteran

World War I Veteran

Receiving Aid & Attendance

Receiving Housebound Benefits

Allied Veterans of Canada or Great Britain

NOTE: Other eligibilities that cannot be electronically determined at this time include NHCU and Domiciliary Care, Adjunct care, Post-Hospital Care, Vocational Rehab under the authority of 38 U.S.C. ch. 15 or ch. 13 and certain military retirees who have been properly approved by the appropriate officials.

When entering Patient Orders a user will see a display screen of the basic patient demographic data for a patient and a list of the eligibility determinations that have been extracted from the DHCP database.

Station Orders are orders affecting commodities stocked by a local facility. As with Patient Orders, each individual order type will have specific data fields that must be entered.

When an order is created, it initially has a status of INCOMPLETE . When a user has finished entering the specific data required for the order type, it will be electronically evaluated to determine that the required information was entered. When the software evaluation can determine that the required information has been entered, the order will receive a status of PENDING.

Orders with a status of INCOMPLETE or PENDING may be edited or deleted by any user who has access to the appropriate options.

NOTE: The Remote Inquiry System (RIS) should be used to determine what the DDC currently has recorded in its database for a patient or facility. Serial numbers and other data entered for ROES orders that must be matched with the existing DDC database MUST BE EXACT or the orders will be rejected. If additional information is needed about the RIS, contact the IRMD at the DDC, (303) 231-5010.

Approve Orders

Before orders can be transmitted to the DDC for processing, they must be approved. The approval capabilities of a user are determined by system parameters and controlled by the ADP Application Coordinator (ADPAC) for each service. Users with approval privileges may approve orders as they are completed. There is also an option available to review a list of orders in the PENDING status and either approve the orders for transmission or disapprove them. As orders are approved, they are placed in a transmission batch.

The approval/disapproval process updates the status of each order to APPROVED or DISAPPROVED, depending on the action taken. When an order is updated to the APPROVED status, it may no longer be edited. If the status is updated to DISAPPROVED, it may be edited or deleted.

Transmit to the DDC

The open transmission batch must be closed before the orders in the batch will be sent to the DDC. Version 2.0 provides an automated method for closing the batch. The method is controlled by a parameter. The act of closing the batch queues it for

transmission at a time predetermined by system parameters. The status of each order in the batch is updated to QUEUED FOR TRANSMISSION. When an order is transmitted, it receives a TRANSMITTED status. Orders in either of these statuses cannot be edited.

The electronic transmission of the batch is accomplished by the use of the VA MailMan system and the IDCU network.

Load ROES Orders

The DDC has a DHCP computer system that receives the batches and temporarily stores them until they are processed. Processing begins at approximately 6:00 am Mountain Time each working day.

Electronically Evaluate Orders and Accept or Reject

An electronic evaluation is completed for each order, resulting in an acceptance status or an error status. Most orders in either status must undergo manual review before processing can be completed.

Manual Review by DDC Staff & Accept or Reject

Most orders are reviewed by a DDC staff member. Orders that are acceptable will be merged with the DDC database and will continue through the DDC's current processing procedures. Orders that are determined to be in error will be rejected to the station with an explanation of the error.

Transmit to Station

Each night the DDC sends updates to local facilities for orders processed during that working day.

Update Station Records

DDC update messages are automatically loaded as they are received at each remote facility. This process updates the status of each line item and records a message under the order explaining the reason(s) for the update. These updates can be reviewed through the display screens provided in **ROES**. Orders will be updated with a status of ADJUSTMENT REJECTED, BACKORDERED, CANCELED, CERTIFIED, COMPLETE, ERROR, or ISSUE DATE PENDING.

Orders with the status of ERROR can be edited and re-transmitted to the DDC. Custom Hearing Aid Orders that are updated to the ISSUE DATE PENDING status may be adjusted if a change is made in the order before the hearing aid is manufactured or issue date and serial number information or certification may be entered to complete the order information.

The DDC notifies local stations of updates to orders by sending a **MailMan** message that is used to update the local database. The message is addressed to the server options **RMPFLOADMESSAGE (ASPS)** or **RMPFLOADMESSAGE (PSAS)** which are distributed with the system. The server processes the mail message and adds the status updates and DDC messages to the STATION ORDER FILE. The bulletin **RMPFMESSAGE (ASPS)** is sent to the mail group **RMPF ROES UPDATES(ASPS)** or the bulletin **RMPFMESSAGE (PSAS)** is sent to the mail group **RMPF ROES UPDATES(PSAS).** These mail groups are created when **ROES** is initialized. The message lists the names of the veterans whose files were updated by the message. The **RMPF ROES UPDATES** mail groups will also receive notification of any errors encountered by transmissions to the DDC.

The server option RMPF-FILE-UPDATE will receive product file updates from the DDC when changes are made to VA contracts or when products are added and/or deleted from the merchandise handled by the DDC.

Implementation and Maintenance

Implementation Procedure

An **Installation Guide** is provided with this software package. It is recommended that the routines be loaded initially into a test account. Installation procedures and user tests should occur in the test account before installation in the production account.

Site-Specific Data Entry

The following Site-Specific Data must be entered for full functionality of the system. Initial access must be established by IRM Service for all users. Additional functionality may then be controlled by the ADP Applications Coordinators (ADPAC) for ASPS and PSAS.

*** IRM SERVICE RESPONSIBILITIES ***

1. Menu Assignment - IRM Service will be responsible for assigning the Remote Order/Entry System Menus to users designated by the using service.

There are two main menus in ROES version 2.0. The Remote Order/Entry System ASPS Menu should be assigned to all Audiology and Speech Pathology Service users. Prosthetics and Sensory Aids Service users should be assigned the Remote Order/Entry System PSAS Menu.

ADPAC and Supervisory Keys controlling access to the menus are described below.

2. Security Keys - Two security keys are distributed with **ROES**. The keys are used to designate supervisory and ADPAC functions and must be assigned by IRM personnel to individual users designated by the ASPS and PSAS ADPACs.

The **RMPF SUPERVISOR** Security Key should be assigned to supervisory personnel only (including all ADPACs). This key allows a user to access the following supervisory options:

Approve/Disapprove Orders

Remove Order from a Batch

Queue a Batch for Transmission

The **RMPF SYSTEM MANAGER** should be assigned to an individual or individuals who are designated as ADPACs for **ROES**. This Security Key will allow a user (who must also hold the **RMPF SUPERVISOR** Security Key) to access the following options:

Change Order or Batch Status

Inactivate a Line Item

Purge Orders

Remote Order/Entry Parameters for ASPS or PSAS

Audiologist Approval Privileges (ASPS only)

Product, Component and Battery Enter/Edit (ASPS only)

Enter/Edit Product File (PSAS only)

3. Order Update Message Recipients - The DDC notifies local stations of updates to the orders by sending a **VA MailMan** message that is used to update the local database.

The messages are addressed to the server options **RMPFLOADMESSAGE(ASPS)** and **RMPFLOADMESSAGE(PSAS)** which are distributed with the system. The server processes the mail message and adds the status updates and DDC messages to the STATION ORDER FILE. The bulletin **RMPFMESSAGE ASPS** is sent to the mail group **RMPF ROES UPDATES ASPS**. The bulletin **RMPFMESSAGE PSAS** is sent to the mail group **RMPF ROES UPDATES PSAS**. The messages list the names of the veterans whose files were updated by the message.

IRMS is responsible for adding users designated by the ADPACs to the **RMPF ROES UPDATES** mail groups.

4. Product File Update Message Recipients: The DDC notifies local stations of updates to their Remote Product Inventory file by sending a **VA MailMan** message to the RMPF-FILE-UPDATE mail group. IRMS is responsible for adding users designated by the ADPACs to the RMPF-FILE-UPDATE mail group. Both ASPS and PSAS should have at least one user in this mail group.

*** USING SERVICE RESPONSIBILITIES ***

1. Security Keys - ASPS and PSAS ADPACs will need to provide IRM Service with a list of individuals on their staff who should be assigned the **RMPF SUPERVISOR** Security Key and the **RMPF SYSTEM MANAGER** Security Key.

2. Order Update Mail Group Members - ASPS and PSAS ADPACs will need to provide IRM Service with a list of individuals who should receive notification of DDC order updates. These individuals will receive **VA MailMan** messages when updates are processed. The messages will contain the names of the veterans whose records have been updated.

3. Remote Product File Update Mail Group Members - ASPS and PSAS ADPACs will need to provide IRM Service with a list of individuals who should receive notification of updates to the Remote Inventory Product file. These individuals will receive VA MailMan messages when products are added or edited.

4. Audiologist Designation - If the ASPS ADPAC decides to allow Audiologists to be designated as Approving Officials (determined by parameter 6 - page **18**) but not to have access to other supervisor options, the designation may be accomplished in the **Audiologist Approval Privileges** option by answering **YES** to the prompt "Do you wish to add Audiologist privileges for TEST,USER? NO//".

Parameters

ROES will be installed with an option for entering and editing system parameters (**Remote Order/Entry Parameters for ASPS or PSAS**). Both ASPS and PSAS must enter parameters. These parameters will allow ADPACs to make decisions about the operation of the software for their individual facilities. Each parameter is described below with recommendations for station settings.

Remote Order/Entry Parameters for ASPS

This option allows the ADPAC to set up site parameters for a specific station. The name of the facility for the clinic that is the major user of the system should set up its parameters first.

If other unique stations are using ROES software on that same computer system, each station should set up their own parameters and Parameter number 4 (page 17) should be set to allow multiple facilities for the major station. Users will be required to identify their facility when signing on to **ROES**.

For example: the clinic at Medical Center 'A' would be the primary user of ROES software on the computer system residing at Medical Center 'A'. Their parameters should be entered first. However, Outpatient Clinic 'B' also uses the same computer system, but ROES records should be recorded for Outpatient Clinic 'B' if done at that facility. To accomplish this, Outpatient Clinic 'B' should also set up their own parameters through this option.

Parameters allow each station to customize certain operations of **ROES**. The ADPAC must hold the **RMPF SUPERVISOR** and **RMPF SYSTEM MANAGER** Security Keys to access this option.

Complete descriptions of each parameter and recommendations for setting the parameters is followed by a sample terminal interaction.

NOTE: The system parameters must be established before ROES will be fully functional.

1. **Allow Free Text Address** - This parameter allows a ADPAC to choose whether or not users will be allowed to enter a new address for a patient. If a **1** or **ALLOW FREE TEXT ADDRESS** is entered for this parameter, users will be

asked during the Enter/Edit process if a new address should be entered. If a new address is entered for the patient, that address will be sent to the DDC instead of the address in the DHCP patient file at the remote facility. This address will be used to update the DDC files. **There will be no change to the DHCP database at the station**. Arrangements should be made for the new address to be given to Medical Administrative Service (MAS) to update the station database.

If a **0** or **DON'T ALLOW FREE TEXT ADDRESS** is entered for the parameter, the new address question will not be asked.

Recommendation: This field should be set to **1** to allow the entry of a new address for a patient. This will ensure that the DDC records are corrected and that the veteran will receive products mailed to a current address.

2. **Transmission Queue Options** - This parameter controls the time for the queuing of transmission batches. If **IMMEDIATE QUEUE OF BATCH** is chosen, the transmission batch is queued immediately after a batch is closed.

If **STANDARD QUEUE TIME FOR BATCH** is chosen, the ADPAC will be asked to enter a time of day for transmissions to be queued. If any transmissions exist, they will be queued at that time daily.

If **CHOOSE QUEUE TIME FOR BATCH** is chosen, the user will be asked at the time that the batch is closed for the time to queue the transmission batch.

If **AUTO-QUEUE OF BATCH** is chosen, any open batch will be automatically queued at the time entered in parameter number 3, without operator intervention.

NOTE: Before setting this parameter, the ADPAC should contact IRM Service at the local facility for suggestions regarding an appropriate setting.

Recommendation: The parameter should be set to **AUTO-QUEUE OF BATCH**. The time of day should then be set (parameter #3, page 17) to a time when there is the least amount of traffic on the local computer system and the IDCU network.

The DDC will begin processing orders at midnight. Any orders received at the DDC after midnight will be processed the following work day.

3. **Standard Queue Time For Batch** - If the ADPAC has chosen to set a standard time for the queuing of a batch, the selected time will be entered at this prompt. If a time is not entered, the system will queue the batch immediately.

Recommendation: This field should be set to a time during the day when the local computer system and the network have the least amount of use. This information may be obtained from the local IRM Service or Site Manager.

The DDC will process all orders received during the previous 24 hours immediately after midnight each night.

4. **Multiple Station Orders** - If more than one station is using the software on the same computer system, this parameter should be set to **1** or **MULTIPLE STATIONS**. If only one station will be using the system, the parameter should be set to **0** or **ONE STATION**.

If the parameter is set to 0, the station of all users will be set to the station listed first in the **ROES** Parameter File. If **MULTIPLE STATIONS** is chosen, DUZ(2) will be examined for all users signing into **ROES**. If a user's station cannot be determined from DUZ(2), the user will be asked for a station. Designating a user's station will insure that adjustments in stock will be credited to the correct station.

Recommendation: This parameter should be set to **0** unless more than one station will be using the system.

5. **Allow Multiple Approval** - If the ADPAC enters a

1 or **ALLOW MULTIPLE APPROVAL** for this parameter, the Approving Official will be able to approve multiple orders without a detailed review of each order. If multiple approval is allowed, the Approving Official will be asked to approve ALL orders, orders ordered by a specific person or orders of a specific type.

If a **0** or **DO NOT ALLOW MULTIPLE APPROVAL** is entered for the parameter, the Approving Official will be required to review the Order Information Screen for each order that is being approved.

Recommendation: This parameter should be set to **"DO NOT ALLOW MULTIPLE APPROVAL"** so that each order may be thoroughly reviewed by the Approving Official.

6. **Approval Process** - ADPACs may choose to allow only users that have been designated as Supervisors to approve/disapprove orders or to also allow any user designated as an Audiologist to perform the review. If the parameter is set to **SUPERVISORS ONLY** or is not set, only users that have been given the Supervisor Security Key will be allowed to approve/disapprove orders.

If the parameter is set to **SUPERVISORS AND AUDIOLOGISTS**, both Audiologists and Supervisors can approve or disapprove orders.

Recommendation: This parameter should be set to **SUPERVISORS ONLY** so that a supervisor must review all orders before they are sent to the DDC.

7. **Certification Approval -** This parameter controls which individuals are allowed to certify Custom Hearing Aid and Component orders.

If the parameter is set to **ANY USER CAN CERTIFY**, any user entering an order will be able to certify an order.

If the parameter is set to **AUDIOLOGISTS & SUPERVISORS**, only users listed in **ROES** as Audiologists or having the SUPERVISOR security key will be able to certify orders.

If the parameter is set to **SUPERVISORS ONLY**, only users with the SUPERVISOR security key will be able to certify orders.

Recommendation: The parameter should be set to **AUDIOLOGISTS & SUPERVISORS.**

8. **Issue Approval -** This parameter controls which individuals may be entered as the issuing Audiologist

If the parameter is set to **ANY USER CAN ISSUE**, any user with the menu option will be able to issue hearing aids.

If the parameter is set to **AUDIOLOGISTS & SUPERVISORS,** only users listed in **ROES** as Audiologists, or having the Supervisors Security key will be able to issue hearing aids.

If the parameter is set to **SUPERVISORS ONLY,** only users having the Supervisors Security key will be able to issue hearing aids.

Recommendation: This parameter should be set to **AUDIOLOGISTS & SUPERVISORS.**

9. **Display Errors on Menu Entry** - ADPACs may choose to have all ROES users in their Service receive a list of error messages pending when the users sign on to the **ROES** system. If this parameter is set to **DISPLAY ERRORS**, all users will receive the message.

Users will not see pending error messages if **DISPLAY ERRORS** is not set.

Recommendation: This parameter should be set to **DISPLAY ERRORS**, to ensure that all orders in error status are edited or deleted.

10. **PSAS Eligibility Determination -** This parameter determines whether electronic requests may be sent to PSAS for eligibility determinations for patients whose eligibility cannot be determined from the DHCP database.

If the parameter **ALLOW REQUESTS TO PSAS**, users may queue requests to PSAS for input of eligibility.

If the parameter **DO NOT ALLOW REQUESTS TO PSAS**, users will not be able to queue requests to PSAS for input of eligibility.

Recommendation: **ALLOW REQUESTS TO PSAS**

11. **Order Delivery Routing -** This field should contain the routing symbol for the using service. Written correspondence and product distribution from the DDC will be directed to this routing symbol.

Recommendation: The routing symbol for the using service should be entered for this parameter. With Version 2.0 of **ROES** this should be the routing symbol for Audiology and Speech Pathology Service (**126**).

12. **# of Days to Save Incomplete** - This parameter should be set to the number of days after the order entry date to save orders with the status of INCOMPLETE. When the number of days between the Order Date and the current date is greater than the number entered for this parameter, the order will be permanently purged from the disk with the **Purge Orders** option. If a number is not entered, orders with the status of INCOMPLETE will be purged after 30 days.

Recommendation: This parameter should be set to **30** days.

13. **# of Days to Save Disapproved** - This parameter should be set to the number of days after the order entry date to save orders with the status of DISAPPROVED. When the number of days between the Order Date and the current date is greater than the number entered for this parameter, the order will be permanently purged from the disk with the **Purge Orders** option. If a number is not entered, orders with the status of DISAPPROVED will be purged after 30 days.

Recommendation: This parameter should be set to **30** days.

14. **# of Days to Save Errors** - This parameter should be set to the number of days after the order entry date to save orders with the status of ERROR. When the number of days between the Order Date and the current date is greater than the number entered for this parameter, the order will be permanently purged from the disk with the **Purge Orders** option. If a number is not entered, orders with the status of ERROR will be purged after 30 days.

Recommendation: This parameter should be set to **30** days.

15. **# of Days to Save Complete** - This parameter should be set to the number of days after the order entry date to save orders with the status of COMPLETE. When the number of days between the Orders Date and the current date is greater than the number entered for this parameter, the order will be permanently purged from the disk with the **Purge Order** option. If a number is not entered, orders with the status of COMPLETE will be purged after 30 days.

Recommendation: This parameter should be set to **30** days.

16. **# of Days to Save Rejects** - This parameter should be set to the number of days after the order entry date to save orders with the status of ADJUSTMENT REJECTED. When the number of days between the Order Date and the current date is greater than the number entered for this parameter, the order will be permanently purged from the disk with the **Purge Order** option. If a number is not entered, orders with the status of ADJUSTMENT REJECTED will be purged after 30 days.

Recommendation: This parameter should be set to **30** days.

17. **# of Days to Save Cancels** - This parameter should be set to the number of days after the order entry date to save orders with the status of CANCELED. When the number of days between the Order Date and the current date is greater than the number entered for this parameter, the order will be permanently purged from the disk with the **Purge Orders** option. If a number is not entered, orders with the status of CANCELED will be purged after 30 days.

Recommendation: This parameter should be set to **30** days.

18. **Extended Clinic** - The ADPAC should enter the facility name that has the Extended Audiology Program for their clinic. If the current facility has the extended program for the clinic, that facility should be entered here. The name and address for the facility entered here will print on VA Form 2477a (formerly VA Form 10-2474).

Recommendation: The facility name of the Extended Audiology Program for the clinic.

EXAMPLE TERMINAL INTERACTION IS BELOW:

REMOTE ORDER/ENTRY PARAMETERS FOR ASPS

Last User to Run Purge: **WHORTON,KIM**

Last Date Purge was Run: **JAN 18,1995@08:18**

Select INSTITUTION NAME: 791// **DENVER (DDC)**
Last User to Run Purge: WHORTON,KIM
Last Date Purge was Run: JAN 19,1995@08:18

ALLOW FREE TEXT ADDRESS: **ALLOW FREE TEXT ADDRESS**

TRANSMISSION QUEUE OPTIONS: **AUTO-QUEUE BATCH**

STANDARD QUEUE TIME FOR BATCH: **10P**

MULTIPLE STATION ORDERS: **ONE STATION**

ALLOW MULTIPLE APPROVAL: **ALLOW MULTIPLE APPROVAL**

APPROVAL PROCESS: **SUPERVISORS ONLY**

CERTIFICATION APPROVAL: **AUDIOLOGISTS & SUPERVISORS**

ISSUE APPROVAL: **AUDIOLOGISTS & SUPERVISORS**

DISPLAY ERRORS ON MENU ENTRY: **DISPLAY ERRORS**

PSAS ELIGIBILITY DETERMINATION: **ALLOW REQUESTS TO PSAS**

ORDER DELIVERY ROUTING: **126**

OF DAYS TO SAVE INCOMPLETE: **30**

OF DAYS TO SAVE DISAPPROVED: **30**

OF DAYS TO SAVE ERRORS: **30**

OF DAYS TO SAVE COMPLETE: **30**

OF DAYS TO SAVE REJECTS: **30**

OF DAYS TO SAVE CANCELS: **30**

EXTENDED CLINIC: **DENVER (DDC)**

EXTENDED CLINIC ROUTING: **126**

Remote Order/Entry Parameters for PSAS

This option allows the ADPAC to set up site parameters for a specific station. The name of the facility for the clinic that is the major user of the system should set up its parameters first.

If other unique stations are using ROES software on that same computer system, each station should set up their own parameters and Parameter number 4 (page 26) should be set to allow multiple facilities. Users will be required to identify their facility when signing on to **ROES**.

For example: the clinic at Medical Center 'A' would be the primary user of ROES software on the computer system residing at Medical Center 'A'. Their parameters should be entered first. However, Outpatient Clinic 'B' also uses the same computer system, but ROES records should be recorded for Outpatient Clinic 'B' if done at that facility. To accomplish this, Outpatient Clinic 'B' should also set up their own parameters through this option.

Parameters allow each station to customize certain operations of **ROES**. The ADPAC must hold the **RMPF SUPERVISOR** and **RMPF SYSTEM MANAGER** Security Keys to access this option.

Complete descriptions of each parameter and recommendations for setting the parameters is followed by a sample terminal interaction.

NOTE: The system parameters must be established before ROES will be fully functional.

---

1. **Allow Free Text Address** - This parameter allows a ADPAC to choose whether or not users will be allowed to enter a new address for a patient. If a **1** or **ALLOW FREE TEXT ADDRESS** is entered for this parameter, users will be asked during the Enter/Edit process if a new address should be entered. If a new address is entered for the patient, that address will be sent to the DDC instead of the address in the DHCP patient file at the remote facility. This address will be used to update the DDC files. **There will be no change to the DHCP database at the station**. Arrangements should be made for the new address to be given to Medical Administrative Service (MAS) to update the station database.

If a **0** or **DON'T ALLOW FREE TEXT ADDRESS** is entered for the parameter, the new address question will not be asked.

Recommendation: This field should be set to **1** to allow the entry of a new address for a patient. This will ensure that the DDC records are corrected and that the veteran will receive products mailed to a current address.

2. **Transmission Queue Options** - This parameter controls the time for the queuing of transmission batches. If **IMMEDIATE QUEUE OF BATCH** is chosen, the transmission batch is queued immediately after a batch is closed.

If **STANDARD QUEUE TIME FOR BATCH** is chosen, the ADPAC will be asked to enter a time of day for transmissions to be queued. If any transmissions exist, they will be queued at that time daily.

If **CHOOSE QUEUE TIME FOR BATCH** is chosen, the user will be asked at the time that the batch is closed for the time to queue the transmission batch.

If **AUTO-QUEUE OF BATCH** is chosen, any open batch will be automatically queued at the time entered in parameter number 3, without operator intervention.

NOTE: Before setting this parameter, the ADPAC should contact the Site Manager or IRM Service at the local facility for suggestions regarding an appropriate setting.

Recommendation: The parameter should be set to **AUTO-QUEUE OF BATCH**. The time of day should then be set (under parameter #3) to a time when there is the least amount of traffic on the local computer system and the IDCU network.

The DDC will begin processing orders at midnight. Any orders received at the DDC after midnight will be processed the following work day.

3. **Standard Queue Time For Batch -** If the ADPAC has chosen to set a standard time for the queuing of a batch, the selected time will be entered at this prompt. If a time is not entered, the system will queue the batch immediately.

Recommendation: This field should be set to a time during the day when the local computer system and the network have the least amount of use. This information may be obtained from the local IRM Service.

The DDC will process all orders received during the previous 24 hours immediately after midnight each night.

4. **Multiple Station Orders** - If more than one station is using the software on the same computer system, this parameter should be set to **1** or **MULTIPLE STATIONS**. If only one station will be using the system, the parameter should be set to **0** or **ONE STATION.**

If the parameter is set to 0, the station of all users will be set to the station listed first in the **ROES** Parameter File. If **MULTIPLE STATIONS** is chosen, DUZ(2) will be examined for all users signing into **ROES**. If a user's station cannot be determined from DUZ(2), the user will be asked for a station. Designating a user's station will insure that adjustments in stock will be credited to the correct station.

Recommendation: This parameter should be set to **0** unless more than one station will be using the system.

5. **Allow Multiple Approval** -

If a **0** or **DO NOT REQUIRE APPROVAL OF ORDERS** is entered for the parameter, approval by a user other than the one entering the order will not be required..

If a **1** or **REQUIRE APPROVAL OF ORDERS** is entered, the supervisor will be required to review the Order Information Screen for each pending order prior to transmission.

If the ADPAC enters a **2** or **REQUIRE APPROVAL AND ALLOW MULTIPLE APPROVAL** for this parameter, the supervisors must approve orders prior to transmission, but multiple orders may be approved at one time.

Recommendation: This parameter should be set to **"REQUIRE APPROVAL AND ALLOW MULTIPLE APPROVAL"** so that the supervisor is aware of all orders transmitted and may review/approve pending orders as needed.

6. **Approval Process** - ADPACs may choose to allow only users that have been designated as Supervisors to approve/disapprove orders, to allow all PSAS staff to perform the review, or to not check for any approval.

If the parameter is set to **SUPERVISORS ONLY** or is not set, only users that have been given the Supervisor Security Key will be allowed to approve/disapprove orders.

If the parameter is set to **ALL PSAS STAFF,** only PSAS staff members can approve or disapprove orders.

If the parameter is set to **NO APPROVAL REQUIRED,** approval will not be checked before transmitting.

Recommendation: This parameter should be set to **SUPERVISORS ONLY** so that a supervisor must review all orders before they are sent to the DDC.

7. **Eligibility Edit Capability** - If **0** or **NO EDIT OF DHCP ELIGIBILITY** is entered, orders may not be entered for a patient unless eligibility can be determined from the DHCP database.

If **1** or **EDIT OF DHCP ELIGIBILITY BY SUPERVISOR** is entered, only supervisors can enter eligibilities not determined from the DHCP database.

If **2** or **EDIT OF DHCP ELIGIBILITY BY ANYONE** is entered, any PSAS user may enter eligibility for a patient.

Recommendation: This parameter should be set to allow **EDIT OF ELIGIBILITY BY ANYONE** to allow all PSAS employees with ROES access to

enter eligibility information, unless there are users at the station with insufficient training on eligibility issues to correctly enter such information.

8. **Display Errors on Menu Entry** - ADPACs may choose to have all ROES users in their Service receive a list of error messages pending when the users sign on to the ROES system. If this parameter is set to **DISPLAY ERRORS**, all users will receive the message.

Users will not see pending error messages if **DISPLAY ERRORS** is not set.

Recommendation: This parameter should be set to **DISPLAY ERRORS,** to ensure that all orders in error status are edited or deleted.

9. **Order Delivery Routing** - This field should contain the routing symbol for the using service. Written correspondence and product distribution from the DDC will be directed to this routing symbol.

Recommendation: The routing symbol for the Prosthetics and Sensory Aids Service should be entered for this parameter (**121**).

10. **# of Days to Save Incomplete** - This parameter should be set to the number of days after the order entry date to save orders with the status of INCOMPLETE. When the number of days between the Order Date and the current date is greater than the number entered for this parameter, the order will be permanently purged from the disk with the **Purge Orders** option. If a number is not entered, orders with the status of INCOMPLETE will be purged after 30 days.

Recommendation: This parameter should be set to **30** days.

11. **# of Days to Save Disapproved** - This parameter should be set to the number of days after the order entry date to save orders with the status of DISAPPROVED. When the number of days between the Order Date and the current date is greater than the number entered for this parameter, the order will be permanently purged from the disk with the **Purge Orders** option. If a number is not entered, orders with the status of DISAPPROVED will be purged after 30 days.

Recommendation: This parameter should be set to **30** days.

12. **# of Days to Save Errors** - This parameter should be set to the number of days after the order entry date to save orders with the status of ERROR. When the number of days between the Order Date and the current date is greater than the number entered for this parameter, the order will be permanently purged from the disk with the **Purge Orders** option. If a number is not entered, orders with the status of ERROR will be purged after 30 days.

Recommendation: This parameter should be set to **30** days.

13. **# of Days to Save Complete** - This parameter should be set to the number of days after the order entry date to save orders with the status of COMPLETE. When the number of days between the Orders Date and the current date is greater than the number entered for this parameter, the order will be permanently purged from the disk with the **Purge Order** option. If a number is not entered, orders with the status of COMPLETE will be purged after 30 days.

Recommendation: This parameter should be set to **30** days.

14. **# of Days to Save Cancels** - This parameter should be set to the number of days after the order entry date to save orders with the status of CANCELED. When the number of days between the Order Date and the current date is greater than the number entered for this parameter, the order will be permanently purged from the disk with the **Purge Orders** option. If a number is not entered, orders with the status of CANCELED will be purged after 30 days.

Recommendation: This parameter should be set to **30** days.

EXAMPLE TERMINAL INTERACTION FOLLOWS:

Select INSTITUTION NAME: 791// **DENVER (DDC)**

Last User to Run Purge: **WHORTON,KIM**

Last Date Purge was Run: **JAN 19, 1995@08:18**

ALLOW FREE TEXT ADDRESS: **ALLOW FREE TEXT ADDRESS**

TRANSMISSION QUEUE OPTIONS: **AUTO-QUEUE OF BATCH**

STANDARD QUEUE TIME FOR BATCH: **10P**

MULTIPLE STATION ORDERS: **ONE STATION**

ALLOW MULTIPLE APPROVAL: **ALLOW MULTIPLE APPROVAL**

APPROVAL PROCESS: **SUPERVISORS ONLY**

ELIGIBILITY EDIT CAPABILITY: **EDIT OF DHCP ELIGIBILITY BY ANYONE**

DISPLAY ERRORS ON MENU ENTRY: **DISPLAY ERRORS**

ORDER DELIVERY ROUTING: **121**

OF DAYS TO SAVE INCOMPLETE: **30**

OF DAYS TO SAVE DISAPPROVED: **30**

OF DAYS TO SAVE ERRORS: **30**

OF DAYS TO SAVE COMPLETE: **30**

Installation Checklist

The following tasks must be accomplished to provide complete access to the Remote Order/Entry System. This sheet may be used as a check list for completing the installation procedures.

Task	Responsible Service	Completion Date
1. Load and Install Software	IRMS	
2. Assign the **RMPF SUPERVISOR** and **RMPF SYSTEM MANAGER** Security Keys	IRMS	
3. Assign **Remote Order/Entry System ASPS** Menu to all ASPS users	IRMS	
4. Assign **Remote Order/Entry System PSAS** menu to all PSAS users	IRMS	
5. Assign user names as members of the mail group **RMPF ROES UPDATES (ASPS)**. This list should include all ASPS users to be notified of the processing of **ROES** updates from the DDC.	ASPS ADPAC IRMS	
6. Assign user names as members of the mail group **RMPF ROES UPDATES (PSAS)**. This list should include all PSAS users to be notified of the processing of **ROES** updates from the DDC.	PSAS ADPAC IRMS	
7. Assign user names as members of the mail group **RMPF-FILE-UPDATE.** This list should include all users to be notified of the updates to the REMOTE INVENTORY PRODUCT file.	IRMS	
8. Enter ASPS **ROES** Parameters	ASPS ADPAC	
9. Enter PSAS **ROES** Parameters	PSAS ADPAC	
10. Enter Audiologist Privileges	ASPS ADPAC	

Routines

Descriptions

All 79 routines in the Remote Order/Entry System use the namespace RMPF. Listed below are all routines with a description of each:

RMPFDB	This option displays all orders that exist in a transmission batch with identifying information for each order.
RMPFDB1	Continuation of RMPFDB.
RMPFDD	This routine displays demographic and eligibility data for a chosen patient. The data is extracted from the DHCP Patient File and related files.
RMPFDD1	Continuation of RMPFDD. This routine uses the eligibility information in the DHCP patient file to determine a patient's eligibility for hearing aids.
RMPFDD2	Continuation of RMPFDD. This routine sets patient demographic and eligibility variables.
RMPFDD3	Select eligibility for a veteran.

Routine	Description
RMPFDE	This routine displays requests for eligibility determination. This is an ASPS option.
RMPFDE1	This routine allows users to enter or edit the eligibilities for a patient. It is as PSAS option.
RMPFDM	This routine displays the number of orders in each status. The oldest date is displayed for each status.
RMPFDS	This routine displays lists of orders either by patient or by order status. It may be used to review existing orders remaining in a specific status or to view all orders currently in the station's database, regardless of status.
RMPFDS1	Continuation of RMPFDS.
RMPFDS2	Display orders with the status 'ERROR'.
RMPFDT	This routine displays all information about a patient's order, including items ordered, costs, issue date and patient eligibility information.
RMPFDT1	Display patient order information.
RMPFDT10	Line Item Extended Information.
RMPFDT2	Continuation of RMPFDT. This routine displays information about the item(s) ordered.
RMPFDT3	Continuation of RMPFDT. Type specific item screens.
RMPFDT4	Continuation of RMPFDT. Display order messages.
RMPFDT5	Continuation of RMPFDT. Set up variables for order display.
RMPFDT6	Continuation of RMPFDT3. Type specific item screens.

Routine	Description
RMPFDT7	Continuation of RMPFDT. Display order adjustments.
RMPFDT8	This routine displays authorized hearing aids for a patient.
RMPFDT9	Extended display for ROES order.
RMPFDX	This routine displays all information about a station type of order, including any costs involved.
RMPFEA	This routine allows an authorized user to approve or disapprove orders. Orders must be approved before they can be placed in a transmission batch.
RMPFEA1	Continuation of RMPFEA.
RMPFEA2	Continuation of RMPFEA.
RMPFEA3	This routine manages the auto-queuing of transmission batches and the rescheduling of transmission batches for emergency and priority orders.
RMPFEB	This routine allows an authorized user to close a transmission batch and queue the batch for transmission to the DDC.
RMPFEC	This routine allows the ADPAC to change the status of an order or an order batch.
RMPFED	This is the server routine that updates ROES files.
RMPFEI	This routine allows users to issue Custom Hearing Aid Orders without accessing all user screens in the Enter/Edit Patient Orders option.
RMPFEM	This routine allows a supervisor to inactivate a line item. Inactive items may not be chosen for new orders.

Routine	Description
RMPFEP	This routine allows users with the key RMPF SYSTEM MANAGER to edit data points for line items and other associated files used by ASPS.
RMPFEP2	This routine allows users with the key RMPF SYSTEM MANAGER to edit data points for line items used by PSAS.
RMPFER	This routine allows a supervisor to view entries in a transmission batch and to remove any unwanted entries.
RMPFES	This routine allows a user to enter and/or edit station types of orders.
RMPFET	This routine allows a user to enter and/or edit patient types of orders. The majority of data input will be accomplished through this routine. The information recorded for each order is dependent upon the order type. Each order type also has its own type of display.
RMPFET0	This routine contains the selections of actions to be taken on an order.
RMPFET1	Continuation of RMPFET. This routine identifies the type of order being entered or edited and files a new order in the ^RMPF(791810) global.
RMPFET10	Change the status of an order with the status ERROR or DISAPPROVED.
RMPFET2	Continuation of RMPFET. This routine allows a user to enter a new address for a patient.
RMPFET3	Continuation of RMPFET. This routine evaluates the status of an order based on the information that has been entered for that order.

Routine	Description
RMPFET4	Continuation of RMPFET3. This routine contains order type-specific evaluations.
RMPFET5	Continuation of RMPFET.
RMPFET6	Continuation of RMPFET. This routine controls the entry of line item information.
RMPFET61	This routine evaluates line item orders to determine the status of the line item.
RMPFET62	Continuation of RMPFET.
RMPFET7	Continuation of RMPFET. This routine contains sub-routines that control special editing for certain order types.
RMPFET71	Continuation of RMPFET7
RMPFET8	Continuation of RMPFET. This routine allows a user to make adjustments to a Custom Hearing Aid Order.
RMPFET81	Continuation of RMPFET8.
RMPFET82	This routine allows users to cancel a line item order.
RMPFET83	Continuation of RMPFET82.
RMPFET84	This routine allows users to certify the receipt of a Custom Hearing Aid.
RMPFET85	Continuation of RMPFET84
RMPFET9	Continuation or RMPFET. This routine allows a user to duplicate an order when two identical items are required.

Routine	Description
RMPFETL	This routine allows users to enter/edit the eligibility of a patient for ROES orders.
RMPFETL1	Continuation of RMPFETL.
RMPFEU	This routine allows the ASPS ADPAC to enter/edit ROES user characteristics which include supervisory status and an Audiologist Flag
RMPFEV	This routine allows the ASPS ADPAC to enter/edit ROES system parameters.
RMPFEV1	This routine allows the PSAS ADPAC to enter/edit ROES system parameters.
RMPFNTE0	'NTEG' routine.
RMPFNTEG	'NTEG' routine.
RMPFQI	This routine allows a user to print a list of active line items in the system.
RMPFQIP	Continuation of RMPFQI.
RMPFQM	This routine loads DDC message updates. It is executed from the server option RMPFLOADMESSAGE.
RMPFQM1	Continuation of RMPFQM.
RMPFQP	This routine allows a user to print VA Form 10-2477a for a patient order or to print a blank VA Form 10-2477a.
RMPFQP1	Continuation of RMPFQP.
RMPFQP2	Continuation of RMPFQP. This routine prints the blank VA Form 10-2477a.
RMPFQP3	Continuation of RMPFQP.

Routine	Description
RMPFQP4	Continuation of RMPFQP.
RMPFQS	This routine allows the ADPAC to purge orders from the station Order File.
RMPFQS1	Continuation of RMPFQS.
RMPFQT	This routine allows a supervisor to queue a transmission batch that has the status CLOSED or QUEUED FOR TRANSMISSION and has not been transmitted.
RMPFQT1	Continuation of RMPFQT.
RMPFQT2	Continuation of RMPFQT2.
RMPFUTL	This routine consists of system utility subroutines.

Callable Routines

This version of the Remote Order/Entry System has no documented callable routines. The programs have been designed in a modular fashion so that future integration of **ROES** modules can readily be accomplished.

Mapped Routines

If routine map space is available, mapping of the following routines from this version will be helpful:

RMPFDD	RMPFDS	RMPFDT	RMPFET
RMPFDD1	RMPFDS1	RMPFDT1	RMPFET1
RMPFDD2		RMPFDT2	RMPFET3
		RMPFDT3	RMPFET4
		RMPFDT5	RMPFET5
			RMPFET6

Files

File Descriptions and Cross-references

All of the files created by ROES are stored in the global ^**RMPF**. The first global subscript of each file indicates the dictionary number of the file. The **RMPF** global should be translated, if appropriate, to all systems needing access to **ROES**.

ROES is exported with file definitions for three dynamic files whose data will be defined at the local station through the software options. Also included are several data files. ROES V2.0 has the capability for remote update of several files. This remote update option will be used to update the REMOTE INVENTORY PRODUCT FILE and its related files as VA contracts change for the commodities managed by the DDC.

Definitions of each file and the restrictions on each are listed below:

File Number	File Name	File Type
791810	Station Order File	Dynamic
791810.1	Order Type File	Data - Uneditable
791810.2	Order Status File	Data - Uneditable
791810.3	Disability File	Data - Uneditable
791810.4	ROES Eligibility File	Data - Uneditable
791810.5	ROES Menu File	Data - Uneditable
791810.6	Order Delay Reasons File	Data - Uneditable
791811	Remote Inventory Product File	Data - Edited locally and remotely
791811.1	Remote Product Group File	Data - Edited locally and remotely
791811.2	Hearing Aid Components File	Data - Edited locally and remotely
791811.3	Battery File	Data - Edited locally and remotely
791811.4	Remote Prosthetic Item Brands File	Data - Edited locally and remotely
791812	Transmission Batch File	Dynamic
791813	Remote Order/Entry Parameter File	Data - Editable locally

1. 791810 - Station Order File

The Station Order File is a dynamic file that stores all orders established by ROES. All specific information about each order resides here. The file may be purged of unnecessary orders at ADPAC discretion.

Data Distribution: Data definitions are distributed with **ROES**. No data is distributed.

Cross-references:

"AC"	Status of Order	Allows orders to be sorted by their status for print purposes and for certain functions that may only be performed on orders with a certain status	REGULAR
"AD"	Status Date	For sorting of orders by status in reverse chronological order	M
"AE"	Patient & Status Date	For listing of orders by patient in reverse chronological order by order date/time.	M
“AEE”	Order Date/Time	Same as “AE”	M
“AF”	PE Entry Date/Time	This cross-reference is used to list orders that need eligibility determinations by PSAS. The cross-reference is killed manually when the eligibility determination has been made.	
"AP"	Prosthetics Order	Used to look up a ROES order that is associated with a Prosthetics Package order when the order is entered through the Prosthetics Package interface. Once a ROES order is associated with a Prosthetics order, only that order may be accessed when entering ROES from the Prosthetics Package	REGULAR
"B"	Order Date/Time	Standard	REGULAR

"C"	Patient	Used to lookup orders by patient	REGULAR
"D"	Purchase Order Number	Used to lookup orders by purchase order number	REGULAR

2. 791810.1 - Order Type File

The Order Type File consists of a list of all available order types. Associated with each type of order is the type abbreviation which is used internally in system routines to determine branching for type specific displays and input sequencing. Each type is also designated as a Patient Type of order or a Station Type of order.

Data Distribution: All data in this file is distributed with ROES. The file should not be edited at the local facility.

Cross-references:

"AC"	Patient or Station	Standard	REGULAR
"AD"	Type Abbreviation	Field is cross-referenced so that the input transform for this field can check to see if the abbreviation entered already exists for another entry in the file	REGULAR
"B"	Name	Standard	REGULAR

3. 791810.2 - Order Status File

The Order Status File contains a list of the possible order statuses. Many of the functions of ROES are restricted to orders with a specific status.

Data Distribution: All data in this file is distributed with ROES. The file should not be edited by the local facility.

Cross-references:

"AB"	Action to Trigger Status	For lookup of actions that can trigger a status.	REGULAR
"B"	Status Name	Standard	REGULAR
"C"	Code	Contains the code for a status. This code is used by ROES programs to determine functions that may be performed on an order with the status code	REGULAR

4. 791810.3 - Disability

The Disability File contains all diagnostic codes that may be used to establish a veteran's eligibility for ROES orders. Each code is associated with one or more product groups that are available from the DDC. The diagnostic codes are looked up in dictionary 31, the Disability Condition File, using the "C" cross-reference.

Data Distribution: All data in this file is distributed with **ROES**. The file should not be edited by the local facility.

Cross-references:

"B"	Disability DX Code	Used to lookup codes in the file and compare them to codes contained in the DISABILITY CONDITION FILE	REGULAR

5. 791810.4 - ROES Eligibility File

The ROES Eligibility file contains all of the eligibilities that make a patient eligible for **ROES** orders.

Data Distribution: All data in this file is distributed with **ROES**. The file should not be edited by the local facility.

Cross-references:

"B"	Name	Used to look up the name of the eligibility used by ROES orders for eligibility determinations	REGULAR

6. 791810.5 - ROES Menus

ROES is used by both ASPS and PSAS. Each service has its own menu. An entry action on each menu sets up a standard variable that is used to keep parameters, order types, disability codes, etc. specific to the using service. The menu file contains the menu designation used for the standard variable.

Data Distribution: All data in this file is distributed with **ROES**. The file should not be edited by the local facility.

Cross-references:

"B"	Name	Standard	REGULAR
"C"	Menu Designation	Used to lookup the menu entry by designation. The menu designation is assigned to each menu at sign-on by an entry action on that menu	REGULAR

7. 791810.6 - Order Delay Reasons File

The Order Delay Reasons file contains the reasons why an order may be delayed beyond the standard time set by Audiology and Speech Pathology Service in VACO

.

Data Distribution: All data in this file is distributed with **ROES**. The file should not be edited by the local facility.

Cross-references:

"B"	Reason	Standard	REGULAR

8. 791811 - Remote Inventory Product File

The Remote Inventory Product File contains all products that are available for ordering from the DDC through ROES. The file contains information about each item that is needed in the order process. Components, batteries, etc. that may be used with each item are also stored in the file.

Data Distribution: This file is exported by the DDC. Since the unit cost of some items varies with discounts that occur on individual purchase orders for that item, the cost field in this file may not exactly match the cost from the DDC at the time the order is filled, but should give the user a close approximation of the cost. The file should not be edited by the local facility. This file will be updated by the DDC through the server option "RMPFED" as contract changes are made.

Cross-references:

"AC"	Product Group	Allows models to be sorted by product group	REGULAR
"B"	Item Name	Standard	REGULAR
"C"	NSN	Allows a model to be looked up by National Stock Number	REGULAR
"D"	Make	Allows models to be looked up by Make	REGULAR
"F"	NSN	Allows users to look up items by the last four numbers of the items National Stock Number	M

9. 791811.1 - Remote Product Group File

The Remote Product Group file contains a list of the product groups for the items available at the DDC. Each item in the Remote Inventory Product File has an assigned product group.

The Remote Product Group file controls the ability of individuals at the station level to order an item. (e.g., Only the staff of ASPS will be able to order hearing aids.)

Data Distribution: This file is exported by the DDC. Since the unit cost of some items varies with discounts that occur on individual purchase orders for that item, the cost field in this file may not exactly match the cost from the DDC at the time the order is filled, but should give the user a close approximation of the cost. The file should not be edited by the local facility. This file will be updated by the DDC through the server option “RMPFED” as contract changes are made.

Cross-references:

"B"	Product Group	Standard	REGULAR

10. 791811.2 - Hearing Aid Components File

The Hearing Aid Components file contains a list of all components that may be ordered with hearing aids. Each hearing aid in the Remote Inventory Product File may have associated with it a component or components from this file.

Data Distribution: This file is exported by the DDC. Since the unit cost of some items varies with discounts that occur on individual purchase orders for that item, the cost field in this file may not exactly match the cost from the DDC at the time the order is filled, but should give the user a close approximation of the cost. The file should not be edited by the local facility. This file will be updated by the DDC through the server option “RMPFED” as contract changes are made.

Cross-references:

"B"	Component Name	Standard	REGULAR
"C"	Order Code	Used to select components by code or abbreviation	REGULAR

11. 791811.3 - Battery File

The Battery File contains a list of available batteries for items contained in the Remote Inventory Product File. Each entry in the Remote Inventory Product File may have associated batteries from this file.

Data Distribution: This file is exported by the DDC. Since the unit cost of some items varies with discounts that occur on individual purchase orders for that item, the cost field in this file may not exactly match the cost from the DDC at the time the order is filled, but should give the user a close approximation of the cost. The file should not be edited by the local facility. This file will be updated by the DDC through the server option “RMPFED” as contract changes are made.

Cross-references:

"B"	Battery Name	Standard	REGULAR

12. 791811.4 - Remote Prosthetic Item Brands

The Remote Prosthetic Item Brands file contains a list of Prosthetic Brands available for items contained in the Remote Inventory Product File.

Data Distribution: This file will be distributed with data. Updates to the file will be made via patch. The file should not be edited at the local facility.

Cross-references:

"B"	Name	Standard	REGULAR
"C"	Abbreviation	Used to look up brands by abbreviation	REGULAR

13. 791812 - Transmission Batch File

The Transmission Batch File contains individual batches of orders with pointers to all orders that have been grouped in that batch for transmission to the DDC. The file contains information specific to each batch such as the status of the batch and the pointer to the transmission message. This is a dynamic file whose entries are deleted as part of the purge process when all orders in the batch are no longer active.

When a transmission batch is closed, all information needed by the DDC for each order is gathered and stored in the Transmission Batch File in the exact format that is sent in the mail message to the DDC. This information is stored in the "H" node of the file which is a **NON-STANDARD** node. The "H" node has been made **NON-STANDARD** in order to conserve space in the transmission message.

Data Distribution: Data definitions for this file are distributed with ROES. No data is distributed.

Cross-references:

"AC"	Entry Date/Time	Field in reverse order is cross-referenced so that batches may be displayed in reverse chronological order	M
"B"	Entry Date/Time	Standard	REGULAR
"C"	Status of Batch	To sort batches by status for the purpose of performing certain actions on batches of a particular status	REGULAR

14. 791813 - Remote Order/Entry Parameter File

The Remote Order/Entry Parameter File contains a number of fields that give the ADPACs at each local facility the ability to customize portions of the system for use at their stations. Definitions of each parameter and recommendations for the settings to be used are included the Parameters section of this manual (page 15).

Data Distribution: Data definitions for this file are distributed with ROES. No data is distributed.

Cross-references:

"B"	Station	Standard	REGULAR

Recommended File Protection

File	DD Access	Read Access	Write Access	Delete Access	LAYGO Access	AUDIT Access
STATION ORDER ^RMPF(791810,	@					@
ORDER TYPE ^RMPF(791810.1,	@		@	@	@	@
ORDER STATUS ^RMPF((791810.2,	@		@	@	@	@
DISABILITY ^RMPF(791810.3,	@		@	@	@	@
ROES ELIGIBILITY ^RMPF(791810.4,	@	@	@	@	@	@
ROES MENUS ^RMPF(791810.5,	@	@	@	@	@	@
ORDER DELAY REASONS ^RMPF(791810.6,	@	@	@	@	@	@
REMOTE INVENTORY PRODUCT ^RMPF(791811,	@		@	@	@	@
REMOTE PRODUCT GROUP ^RMPF(791811.1,	@		@	@	@	@
HEARING AID COMPONENTS ^RMPF(791811.2,	@		@	@	@	@
BATTERY ^RMPF(791811.3,	@		@	@	@	@
REMOTE PROSTHETIC ITEM BRANDS ^RMPF(791811.4	@	@	@	@	@	@
TRANSMISSION BATCH ^RMPF(791812,	@					@
REMOTE ORDER/ENTRY PARAMETER ^RMPF(791813,	@					@

Exported Options

Menu Descriptions

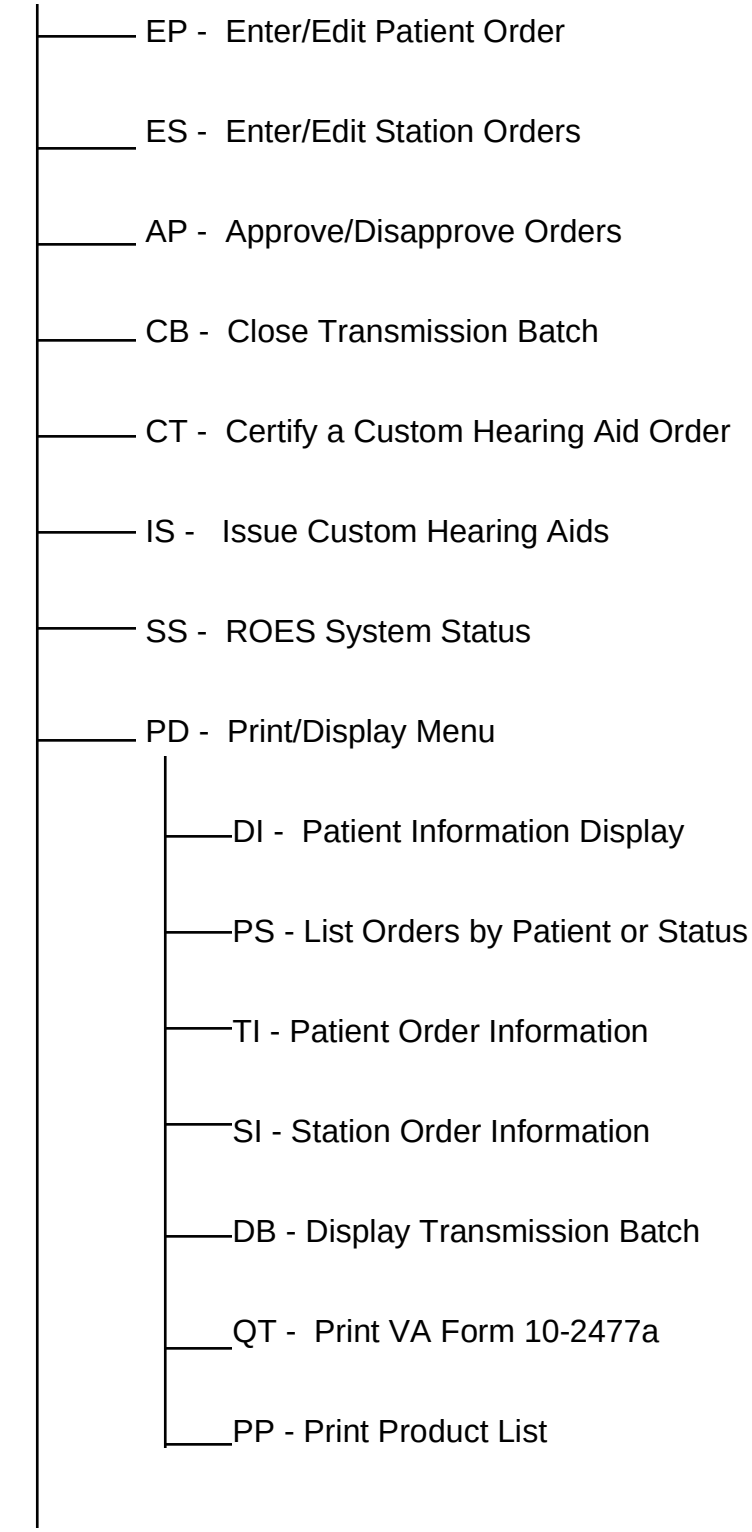
ROES has one basic menu each, for ASPS and PSAS, to be assigned to all users within the service. Access to supervisory and ADPAC functions is controlled by security keys.

The **ROES** menus are titled **Remote Order/Entry System ASPS (RMPF O/E STATION ASPS)** and **Remote Order/Entry System PSAS (RMPF O/E STATION PSAS)**. These menus contain options used to display and enter or edit data in the local station database. The menus also contain one option for supervisory approval that is controlled by a security key and/or a system parameter.

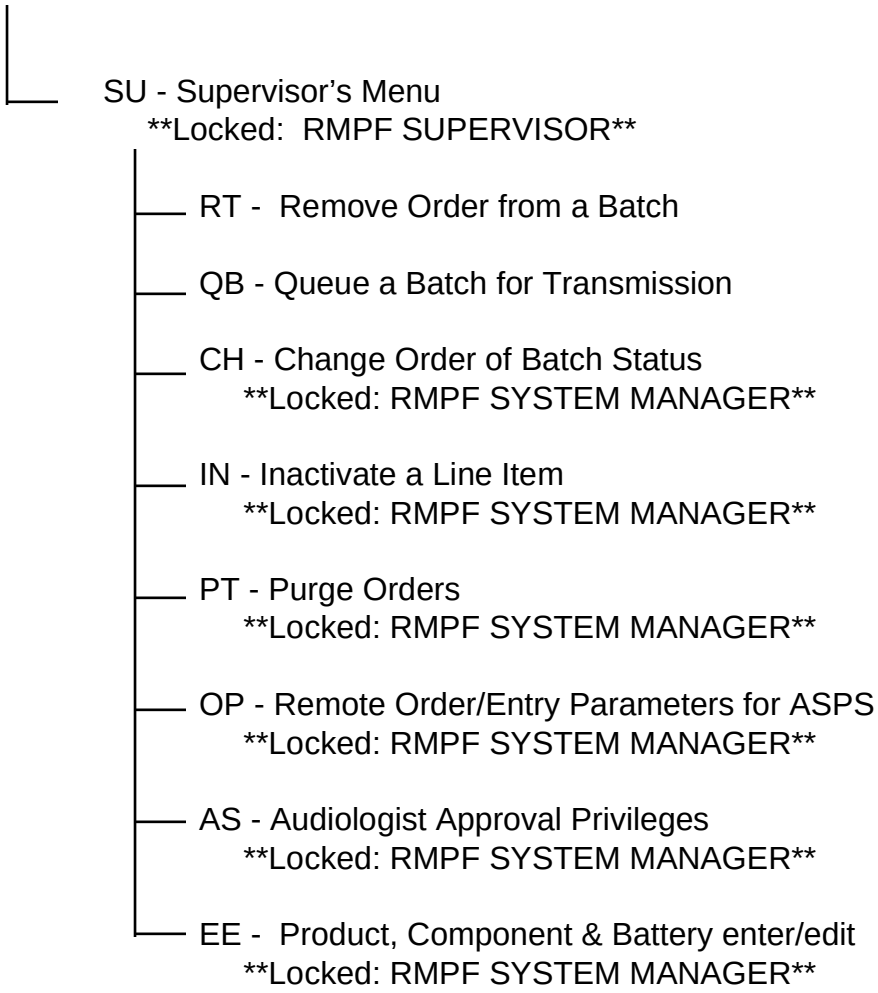
The menus titled **RMPF ASPS STATION SUPER** and **RMPF PSAS STATION SUPER** are available for users who hold the **RMPF SUPERVISOR** Security Key. The **Supervisor's Menu** contains options that should only be assigned to supervisory personnel. These individuals may be determined and assigned supervisory access by IRM Service.

Several options on the **Supervisor's Menu** are controlled by a second security key that is assigned only to ADPACs. These options allow ADPACs to edit **ROES** user information, **ROES** files, parameters and to purge data from the local database.

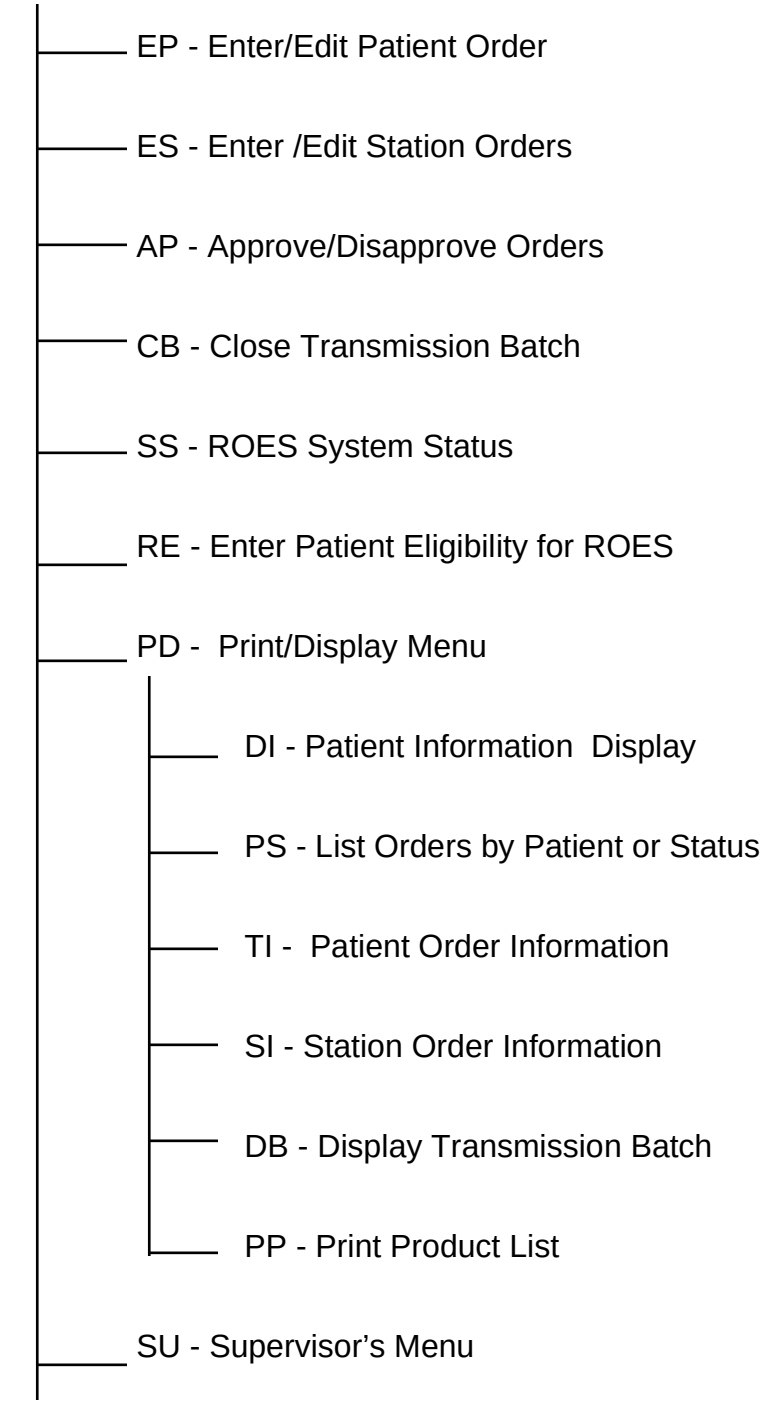
RA - Remote Order/Entry System ASPS Menu Diagram



cont.

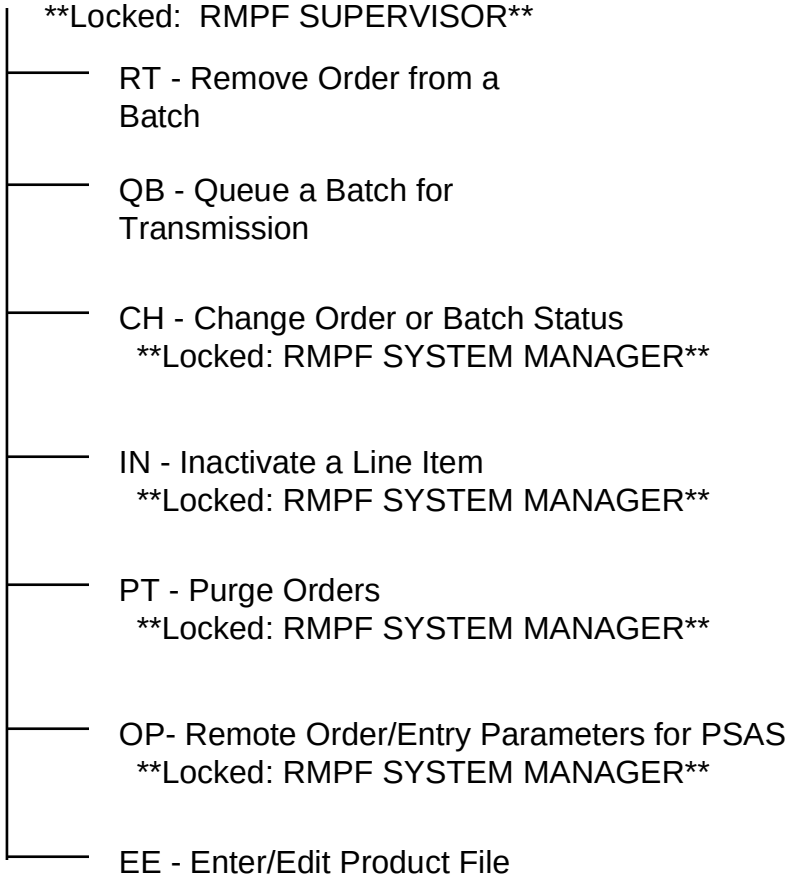

SU - Supervisor's Menu
Locked: RMPF SUPERVISOR
RT - Remove Order from a Batch
QB - Queue a Batch for Transmission
CH - Change Order of Batch Status
Locked: RMPF SYSTEM MANAGER
IN - Inactivate a Line Item
Locked: RMPF SYSTEM MANAGER
PT - Purge Orders
Locked: RMPF SYSTEM MANAGER
OP - Remote Order/Entry Parameters for ASPS
Locked: RMPF SYSTEM MANAGER
AS - Audiologist Approval Privileges
Locked: RMPF SYSTEM MANAGER
EE - Product, Component & Battery enter/edit
Locked: RMPF SYSTEM MANAGER

RP - Remote Order/Entry System PSAS Menu Diagram



cont.

SU - Supervisor's Menu cont.



Options

NAME	MENU TEXT	TYPE	DESCRIPTION
RMPF ASPS STATION SUPER MENU	Supervisor's Menu	Menu	This menu contains supervisory functions and Remote Order/Entry System utilities for Audiology and Speech Pathology Service.
RMPF O/E STATION ASPS	Remote Order/Entry System ASPS Menu	Menu	This menu contains all Remote Order/Entry options available to Audiology and Speech Pathology Service staff. Access to some options on the menu is controlled by security keys.
RMPF O/E STATION PSAS	Remote Order/Entry System PSAS Menu	Menu	This menu contains all Remote Order/Entry options available to Prosthetics and Sensory Aids Service staff. Access to some options on the menu is controlled by security keys.
RMPF PRINT/DISPLAY ASPS MENU	Print/Display Menu	Menu	This menu contains display and print options for the ROES package.
RMPF PRINT/DISPLAY PSAS MENU	Print/Display Menu	Menu	This menu contains display and print options for the ROES package.
RMPF PSAS STATION SUPER MENU	Supervisor's Menu	Menu	This menu contains supervisory functions and Remote Order/Entry System utilities for Prosthetics and Sensory Aids Service.
RMPF-FILE-UPDATE	Process ROES File Updates	Server	This server processes the Updates of ROES files, duplicating file modifications made at the DDC.
RMPFDB	Display Transmission Batch	Run	This option will allow a user to display a line listing of all orders that are in a chosen transmission batch.
RMPFDD	Patient Information Display	Run	This option allows the user to display demographic and eligibility data for a patient. Information about

NAME	MENU TEXT	TYPE	DESCRIPTION
			the patient is extracted from the DHCP patient file.
RMPFDE	Enter Patient Eligibility for ROES	Run	This option allows PSAS users to enter an eligibility for a patient whose eligibility cannot be determined from the DHCP database.
RMPFDM	ROES System Status	Run	This option displays the number of orders in each status except the status COMPLETE. The oldest date is displayed for each status. The number of DDC update messages waiting to be loaded is also shown.
RMPFDS	List Orders by Patient or Status	Run	This option allows the user to list orders for a patient or to list station orders by status.
RMPFDT	Patient Order Information	Run	This option lets the user select a patient and a specific order for that patient and then display all of the information that is specific to that order.
RMPFDX	Station Order Information	Run	This options allows the user to choose a station order and display all of the information about that order.
RMPFEA	Approve/ Disapprove Orders	Run	This option allows users with approval authority to approve and/or disapprove orders that are in the PENDING status.
RMPFEB	Close Transmission Batch	Run	This option allows a user to close a transmission batch and queue the batch for transmission to the DDC.
RMPFEC	Change Order or Batch Status	Run	This routine allows the System Manager to change the status of an order or transmission batch.
RMPFEI	Issue Custom Hearing Aids	Run	This option is used to issue Custom Hearing Aids.
RMPFEM	Inactivate a Line Item	Run	This option may be used by a supervisor to inactivate a

NAME	MENU TEXT	TYPE	DESCRIPTION
			line item and make it unavailable for ordering.
RMPFEP	Product, Component & Battery Enter/Edit	Run	This option allows users to enter or edit products, components and batteries
RMPFEP2	Enter/Edit Product File	Run	This option allows PSAS to enter and edit products in the Remote Inventory Product File
RMPFER	Remove Order from a Batch	Run	This option allows a user to remove an order from a transmission batch.
RMPFES	Enter/Edit Station Orders	Run	This option is used to enter or edit station orders.
RMPFET	Enter/Edit Patient Orders	Run	This option is the Enter/Edit module for all patient orders. A patient is selected and a new order may be entered or an existing order may be edited unless it has already been approved.
RMPFET84	Certify a Custom Hearing Aid Order	Run	This routine allows users to certify Custom Hearing Aid Orders that are in the status ISSUE DATE PENDING.
RMPFEU	Audiologist Approval Privileges	Run	This option is used by the System Manager to assign Audiologist approval privileges.
RMPFEV	Remote Order/ Entry Parameters for ASPS	Run	This option is used to enter and edit the Remote Order/Entry System Parameters for ASPS.
RMPFEV1	Remote Order/ Entry Parameters for PSAS	Run	This option is user to enter and edit the Remote Order/Entry System Parameters for PSAS.
RMPFLOADMESSAGE(ASPS)	Load DDC messages	Server	This is a server option that will read the Remote Order/Entry System order updates as they are transmitted by the DDC.
RMPFLOADMESSAG	Load DDC	Server	This is a server option that

NAME	MENU TEXT	TYPE	DESCRIPTION
E(PSAS)	messages		will read the Remote Order/Entry System order updates as they are transmitted by the DDC.
RMPFQI	Print Product List	Run	This option allows a user to print line items that may be ordered from the DDC
RMPFQP	Print VA Form 10-2477a	Run	This option allows the user to print a VA Form 10-2477a for hearing aid orders.
RMPFQS	Purge Orders	Run	This option should be run by a supervisor to purge orders from the local station database. It should be used on a regular basis to keep station files clean.
RMPFQT	Queue a Batch for Transmission	Run	This option allows a user to choose a transmission batch that has a status of CLOSED and queue it for transmission to the DDC.

External Relations

Software Requirements

ROES requires that the following software versions (or greater) be installed in the same account:

Kernel	Version 7.1
VA FileMan	Version 21.0
MAS	Version 5.3
MailMan	Version 7.0

ROES requires that eligibility data be entered for an ASPS patient and that the eligibility in the patient file reflect the appropriate eligibility requirements for the order being placed. Eligibility may be entered by PSAS users.

Changes to DHCP Files

The following file names have been changes in ROES 2.0:

File Number	Old File Name	New File Name
791810	STATION TRANSACTION	STATION ORDER
791810.1	TRANSACTION TYPE	ORDER TYPE
791810.2	TRANSACTION STATUS	ORDER STATUS

The following field names have been changed in ROES 2.0:

File Number	Field Number	Old Field Name	New Field Name
791810	.01	TRANSACTION DATE/TIME	ORDER DATE/TIME
791810	.02	TYPE OF TRANSACTION	TYPE OF ORDER
791810	.03	STATUS OF TRANSACTION	STATUS OF ORDER
791810	1.01	ADDRESS LINE 1	ADDRESS LINE 1
791810	1.02	ADDRESS LINE 2	ADDRESS LINE 2
791810	1.03	ADDRESS LINE 3	ADDRESS LINE 3
791810	1.04	CITY	CITY
791810	1.07	ADDRESS BEGIN DATE	BEGIN DATE
791810	1.08	ADDRESS END DATE	END DATE
791810.0101	.06	INCREASE QUANTITY BY	QUANTITY
791810.0101	.16	RELATED TRANSACTION	RELATED ORDER
791810.1010102	.04	RELATED TRANSACTION	RELATED ORDER

File Number	Field Number	Old Field Name	New Field Name
791810.1	.01	ROES TRANSACTION TYPE	NAME
791810.1	.05	TRANSACTION MESSAGE	ORDER MESSAGE
791810.2	.05	EDIT ALLOWED	STATUS CATEGORY

DHCP Files Referenced

Listed below are the station DHCP files and fields that are referenced by **ROES**. The data extracted from these files is transmitted to the DDC as part of the order information. No existing DHCP data fields are altered in any way by **ROES**. The VADPT routines are used for extracting data from the Patient File in all possible cases. Integration agreements have been obtained from the appropriate development groups for other file references.

File Name	Field #	Field Name	Integration Agreement
Patient File DPT(	.309	Agency/Allied Country	DBIA 130
	.3612	Eligibility Status Date	DBIA 130
	.372	Rated Disabilities	DBIA 130
Kernel Site Parameters XMB(1,1,0)	.01	Name	DBIA 248
Message XMB(3.9,	.01	Subject	DBIA 247
	3	Text	DBIA 247
Security Key XUSEC(	2	Holder	DBIA 248
Title DIC(3.1,	.01	Name	DBIA 1234
Domain DIC(4.2,	.01	Name	DBIA 248

File Name	Field #	Field Name	Integration Agreement
Eligibility Code DIC(8,	.01	Name	DBIA 602
Disability Condition DIC(31,	.01	Name	DBIA 603
	2	DX Code	
Other Federal Agency DIC(35,	.01	Name	DBIA 604
Pros Disability Code RMPR(662,	.01	Arabic Disability Name	DBIA 1235
File DD(791810,0) DD(791810,.01,0) DD(791810.0101,.02,12) & ,12.1) DD(791810.1,0) DD(791810.2,0) DD(791812.0101,0,"NM","TRANSACTION")	.01	Name (One time only)	DBIA 1237

Internal Relations

Version 2.0 of **ROES** is an integrated system. All components must be present for operation. Certain modules will be available for integration into other systems in future versions.

Four system-wide variables are created by the action on the **RMPF O/E STATION MENUS**. These variables are:

RMPFSTAN	Ordering Station Internal Number
RMPFSTAP	Ordering Station Number "-" Name
RMPFSYS	String Containing System Parameters
RMPFDAT	Current Date - Printable
RMPFMENU	User's Menu

Each option may be invoked individually from programmer mode and the setting of these variables will occur within the routine if they are undefined. No routines kill these variables. They are killed in the Exit Action of the menu.

The standard DHCP system variables are required:

DUZ	DUZ(0)
DTIME	DT
U	

Package Variables

Variables representing data fields have the **RMPF** namespace. The following major variables are used by the routines throughout the system:

RMPFBDT	Transmission Batch Date/Time
RMPFBJ	Internal Number of Order in Batch
RMPFBT	Transmission Batch Internal Number
RMPFDAT	Current Date in Printable Format
RMPFMENU	Menu from which an order is entered
RMPFNAM	Patient Name
RMPFSSN	Patient Social Security Number (Printable)
RMPFSTAN	Station Internal Number
RMPFSTAP	Station Number "-" Name
RMPFST	Order Status (Internal Number)
RMPFSYS	Parameter String
RMPFTD	Order Date (7-digit)
RMPFX	Order Internal Number
RMPFY	Ordered Item Internal Number
RMPFZ	Component or Replaced Serial Number Internal Number

The remaining namespaced variables listed below are used in one or more routines:

VARIABLE	Use
RMPF	Counter
RMPFACQD	Acquisition Date
RMPFAD	Examining Audiologist (Internal Number)
RMPFADD	Address Information String
RMPFADP	Examining Audiologist (Printable)
RMPFAP	Approving User (Internal Number)
RMPFAPD	Approval Date/Time
RMPFAPP	Approving User (Printable)
RMPFAUD	Audiologist
RMPFBAT	Number of Batteries Furnished
RMPFBAT2	Second Battery Type
RMPFBDT	Batch Date/Time
RMPFBNA	Number of Orders Active in Batch
RMPFBP	Brand Preference
RMPFBR	Brand Requested
RMPFBST	Transmission Batch Status
RMPFBT	Internal Number of Transmission Batch
RMPFBTC	Date the Batch was Closed
RMPFBUS	User Closing Batch
RMPFCARE	Date Patient Requested Care
RMPFCAT	Delivery Category
RMPFCERD	Certification Date
RMPFCERU	User Certifying Order
RMPFCL	Patient's Claim Number
RMPFCNT	Counter
RMPFCOM	Component
RMPFCOMC	Component Cost
RMPFCOST	Item Cost
RMPFCS	Cost of Item
RMPFCUR	Cancel Reason
RMPFCX	Counter
RMPFDC	Disability Code
RMPFDDC	DDC Replace Aid(s) Flag

VARIABLE	Use
RMPFDEL	Display Deleted Orders Flag
RMPFDIS	Disability for line item
RMPFDL	Deleted Order Flag
RMPFDLR	Order Deletion Reason
RMPFDOB	Patient Date of Birth (Printable)
RMPFDOD	Patient's Date of Death
RMPFDOM	Domain Name for DDC
RMPFDR	Disapproval Reason
RMPFDSN	SC/NSC for line item
RMPFDTD	Date Order Deleted from Batch
RMPFDU	User Deleting Order from Batch (Internal Number)
RMPFDUP	User Deleting Order from Batch (Printable)
RMPFE	Eligible or Ineligible Flag
RMPFEDIT	Editing Flag
RMPFELD	Eligibility Verification Date (7-digit)
RMPFELG	Patient's Eligibility Code (Internal Number)
RMPFELGD	Eligibility Verification Date (Printable)
RMPFELGP	Primary eligibility
RMPFELP	Eligibility Verification Status Code
RMPFELS	Verification Status of Patient's Eligibility Code
RMPFERR	Error Condition Flag
RMPFHAT	Hearing Aid Type Flag
RMPFHAT1	Hearing Aid Type Flag Save
RMPFID	Issue Date (VA FileMan)
RMPFIDP	Issue Date (Printable)
RMPFINV	Contractor's Invoice Number
RMPFISDP	Issue Date (Printable)
RMPFISRE	Permanent or Temporary Loaner
RMPFIT	Item (Internal Number)
RMPFITP	Item (Printable)
RMPFLA	Last Action
RMPFLG	Flag
RMPFLIS	Line Item Status

VARIABLE	Use
RMPFLISD	Line Item Status Date
RMPFLR	Left or Right Ear
RMPFM	Multiple Approval Process
RMPFMAK	Make of Line Item
RMPFMC	Number of Models Counter
RMPFMD	Model of Line Item
RMPFMESG	Model Changed To Message
RMPFMGG	Unread Message Flag
RMPFMOD	Flag Indicating Model to be Asked
RMPFMSG	User Message
RMPFMU	User to Receive Transmission
RMPFNSN	National Stock Number
RMPFNUM	File Date
RMPFOB	Purchased By
RMPFOD	Order Date (Internal Number)
RMPFODP	Order Date (Printable)
RMPFONE	Phone Number of Patient
RMPFOO	Ordering Official
RMPFORD	Print or Sort Order
RMPFOUT	Fast-Out Flag
RMPFP	Print All Statuses Flag
RMPFP3	Third Piece of Parameter String
RMPFPCT	Patient Category For Line Item
RMPFPG	Product Group
RMPFPGP	Product Group in Printable Form
RMPFPO	Purchase Order Number
RMPFPSC	Patient's Special Category For Line Item
RMPFQTY	Quantity to Increase Stock
RMPFQUT	Response Was a Question Mark
RMPFRACT	Reason for Return
RMPFRDC	Date Returned to Contractor
RMPFRE	Reason for Adjustment
RMPFRED	Message Read Flag

VARIABLE	Use
RMPFREP	Aids to be Replaced Flag
RMPFRMK	Remarks
RMPFRSN	Serial Number of Replaced Aid
RMPFRSTA	Regional Station Number
RMPFRTC	Date Returned to Vendor
RMPFRTN	Routine Name
RMPFSB	Ship By Date
RMPFSD	Status Date
RMPFSEL	Selection from Command Line
RMPFSEL1	Selection from Command Line
RMPFSN	Serial Number
RMPFSTAT	Veteran's State
RMPFSTO	Old Status
RMPFSTP	Order Status (Printable)
RMPFSTR0	Item String Zero Node
RMPFSTR2	Item String Node 2
RMPFSTR3	Item String Node 3
RMPFSYS	Parameter String
RMPFTA	Free Text Address
RMPFTDP	Order Date (Printable)
RMPFTE	Type of Eligibility
RMPFTED	Temporary Address End Date
RMPFTF	Type of Fitting (Internal Number)
RMPFTNM	Order Name
RMPFTOE	Type of Entry
RMPFTOI	Permanent or Temporary Increase
RMPFTOL	Type of Loss
RMPFTOT	Total Order Cost
RMPFTP	Type of Display
RMPFTSD	Temporary Address Start Date
RMPFTT	Type of Order
RMPFTYP	Order Type
RMPFTYPP	Printable Order Type

VARIABLE	Use
RMPFUN	Number of File Update
RMPFUR	Entering User (Internal Number)
RMPFURP	Entering User (Printable)
RMPFUS	Authorized Hearing Aid Usage
RMPFVET	Indication of Patient's Veteran/Non-Veteran Status
RMPFX1	Save Variable for Order Internal Number
RMPFY1	Save Variable for Line Item Internal Number
RMPFZ1	New Component Internal Number
RMPFZIP	Zip Code of Veteran
RMPRDFN	DFN from Prosthetics Package
RMPRX	Internal Number of Prosthetics Order

VARIABLE	Use

Local Arrays

RMPF	Statuses
RMPFA	Address Lines
RMPFB	Orders in a Batch
RMPFBT	Batteries
RMPFC	Active Components for a Order
RMPFCAN	Canceled Orders
RMPFCM	Components
RMPFEAR	Aids Ordered for Same Ear
RMPFERR	Error Messages
RMPFF	Veteran's Eligibilities
RMPFG1	Product Group for Item Ordered
RMPFK	Statuses Used for Evaluation Purposes
RMPFL	Disability Codes
RMPFMD	Line Items in an Order
RMPFMSG	Order Message
RMPFN	Replaced Serial Numbers
RMPFO	Active Line Items for a Order
RMPFP	Order Status List
RMPFPR	Prosthetics Information (To be used in V3.0)
RMPFR	Address Lines of Extended Clinic
RMPFS	Transmission Batch Statuses
RMPFSL	Fields Selected to Edit
RMPFS1	Subgroupings of Orders in a Particular Status
RMPFT	Temporary Address Lines

Archiving and Purging

A purging utility has been included with the package. This may be accessed by individuals holding the **RMPF SYSTEM MANAGER** Security Key. Orders with a status of INCOMPLETE, DISAPPROVED, ERROR, ADJUSTMENT REJECTED, COMPLETE and CANCELED will be purged according to parameters established in the REMOTE ORDER/ENTRY PARAMETER FILE. If no parameters have been set up for a particular status, orders with that status will be purged if over 30 days old. Orders with any other status will be retained indefinitely. With Version 2.0 of ROES, purging is a background task.

The package has provided supervisors and users with the ability to review orders by status. The intention is for individuals doing these reviews to recognize orders whose status needs to be changed. A minimum amount of data should be kept in the local database. The DDC database will be the permanent record for all order information and may be viewed through the DDC Remote Inquiry System (**RIS**) that has been available since February 1990.

Order batches are also purged when this routine is run if all orders have been completed.

No archiving ability exists or is planned in future releases.

Resource Requirements

The non-interactive files that are exported with ROES consume approximately 460 blocks of disk space. The dynamic files that are created at the station consume a maximum of 1.2 blocks per order.

There are 79 routines in ROES, not including the INITS and the PRE- and POST-INIT routines (RMPFPRE, RMPFPRE1, RMPFPRE2, RMPFPOST and RMPFPOSU) which may be deleted.

Each service area using ROES will need to have a minimum of one CRT and one printer available for use with the system.

On-Line Documentation

On-Line descriptions for routines may be accessed from the menu screen by entering three question marks (???) at the menu option prompt.

It is recommended that you print the ROES package data dictionaries immediately after you load the software. This is done through the VA FileMan option “List File Attributes”. The file range for the ROES package is 791810-791813 inclusive. The namespace for the ROES package is RMPF. You may specify a Standard or Brief Data Dictionary as your needs require.

The first part of each Data Dictionary (in the Standard Listing) is a list of other files that point to the file fields. The second part is a listing of the Cross-references for that file and a brief description of its purpose. To learn more about the options for the ROES package, one may either print a more detailed option list (including such things as entry/exit actions, Menu type, etc.) or D ^XUP, select XUMAINT, and then select a specific option. All options are namespaced RMPF.

Using on-line documentation is the best way to obtain the most current information available. Further information for generating on-line documentation is provided in the Kernel documentation. This can be obtained either from your IRM or your local ISC.

GLOSSARY

ADPAC	The acronym for the ADP Applications Coordinator. This is the person or persons responsible for understanding the system, assisting the users of the system and coordinating installations, user access and updates with IRM Service.
Approving Official	The Approving Official is the user who reviews orders and either approves or disapproves each order for placement into a transmission batch. The **RMPF SUPERVISOR** key is required for the approval/disapproval process.
ASPS	The acronym for Audiology and Speech Pathology Service.
DDC	VA Denver Distribution Center.
DHCP	The acronym for the Decentralized Hospital Computer Program.
HINQ	This is the acronym for the VA's **Hospital Inquiry System** software package. It is used to verify and update veteran eligibility information.

IDCU	The Integrated Data Communications Utility is the name for the network used by the Department of Veterans Affairs for communications among facilities. **ROES** uses this network for transmission of order data.
ISC	The acronym for Information Systems Center.
MailMan	Designation for the DHCP software package that controls transmission of **ROES** Order Batches to the DDC.
MAS	Medical Administrative Service.
Order Type, Station	One of the two categories of orders. Station type orders are orders that are related to the station and not to a specific patient.
Order Type,Patient	One of the two categories of orders. Patient type orders are orders that are related to a specific patient.
PSAS	The acronym for Prosthetics and Sensory Aids Service
Remote Inquiry System (RIS)	A software system that resides on the DDC computer system. Users at VA medical facilities with authorized access to the system may view veteran hearing aid histories.
VA FileMan	The name of the DHCP software package that controls file maintenance and provides programming utilities used by **ROES**.
VANHAP	The acronym for the VA National Hearing Aid Program.